

## **GEOSPATIAL INFORMATION AND TECHNOLOGY (GIT) FOR LOCAL GOVERNMENT - DEMONSTRATION**

### **IRON COUNTY SPATIAL GROWTH MODELING TOOL**

The Governor's Office of Planning and Budget (GOPB) and the State of Utah Automated Geographic Reference Center (AGRC) are partnering with Iron County, Utah, to create an online spatial growth modeling application. This spatial growth model will allow local officials and the public to both analyze and visualize the effects that future growth will have on the county and its resources, thereby allowing decision-makers to implement more informed development policies and ordinances. The model, while focusing on Iron County during its development, will be applicable and available to all Utah counties upon its completion.

A baseline scenario that demonstrates how a county's current zoning practices will influence growth will be created. This scenario can then be compared to alternative development scenarios provided by the model. Automated tools will allow stakeholders to develop future optional scenarios and create and print maps and reports for public discussion.

<http://mapserv.utah.gov/ironco>

### **AERIAL IMAGERY AND INTERNET WEB SERVICES**

AGRC is developing web applications that allow a user to interact through a web browser. For example, many layers from the State Geographic Information Database (SGID) are contained in applications currently being used by staff of Utah's congressional delegation. Being able to view the latest aerial imagery with other layers of information is of great use to elected officials, agency decision makers, and the public.

AGRC is also developing an application for use by the Salt Lake Valley Health Department to track and view epidemiology. This application uses aerial imagery and layers of schools and hospitals along with disease information to track disease migration. This can be done by tracking the movement of the disease through time. Each case will have a time stamp and location. This internet map service allows geospatial technologies and data to be used by people with varying levels of expertise and knowledge to solve problems with a geospatial component.

<http://mapserv.utah.gov/slvh>

### **NOTIFICATION OF FACILITIES WITH REGIONAL IMPACT**

In 2004, the Utah State Legislature passed H.B. 116. This bill:

- modified provisions relating to elements of a county or municipality's general plan;
- required certain local government entities and certain public utilities to provide notice before preparing or amending a general, long-range, or capital facilities plan;
- required certain entities to provide notice of an intent to acquire real property if its intended use is inconsistent with local planning or zoning, unless the entity has previously provided notice of the property's general location; and
- required certain entities to provide post-acquisition notice of the acquisition of real property, under certain circumstances.

AGRC has developed a web site which allows jurisdictions or citizens affected by these actions easy access to information included in these notifications. Many Wasatch Front entities are currently sending notifications to AGRC for inclusion in this site.

<http://mapserv.utah.gov/>

Department of Technology Services, Automated Geographic Reference Center

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<http://mapserv.utah.gov/RegionalFacilities/>

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